

PRESSED CAPILLARY OPTICS
ABSTRACT OF THE DISCLOSURE

A capillary optic produced by impression has a mold with an external profile figured for radiation transmission along an axis used as a mandrel for impression. The mold often takes the form of a precisely etched wire. At least one soft plate is used for impressing the mold into the soft plate. The mold is removed from the soft plate to leave a vacant impression figured for radiation transmission in the soft plate along an axis. The impression is then closed to provide for radiation transmission along the axis of the impression. In the most common embodiment, two relatively soft plates having identical compositions with flat and highly polished initial surfaces are used. The impression(s) can be coated with reflective materials. Disclosure of an optical connector and emitter is included.

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